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DIVISION

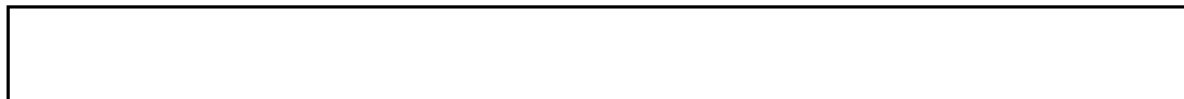
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PHOTOGRAPHIC INTELLIGENCE REPORT

VITAL RECORDS COPY

ANALYSIS OF MILITARY ACTIVITY ON
HAINAN ISLAND, CHINA
PART I

Declass Review by NIMA/DOD



25X

CIA/PIR 67076

DATE September 1965

COPY

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GROUP 1
Excluded from automatic
downgrading and declassification

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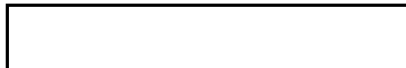
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G-MB - 795/65
30 September 1965

MEMORANDUM FOR: Chief, Programs Division, ORR



ATTENTION :



THROUGH : Chief, Requirements Branch, Reconnaissance Group, CGS

FROM : Chief, Imagery Analysis Division, CIA

SUBJECT : Transmittal of PI Report

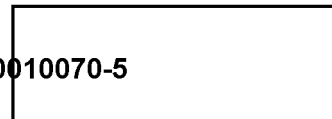
1. The attached report, CIA/PIR-67076, is in response to a requirement, C-RR5-82,890, of 25 August 1965. The photo analyst on this project, 30252-6, is  (Geo-Military Branch, IAD),  should you have any questions concerning the report.

2. This project is considered incomplete.



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ANALYSIS OF MILITARY ACTIVITY ON HAINAN ISLAND, CHINA

PART I

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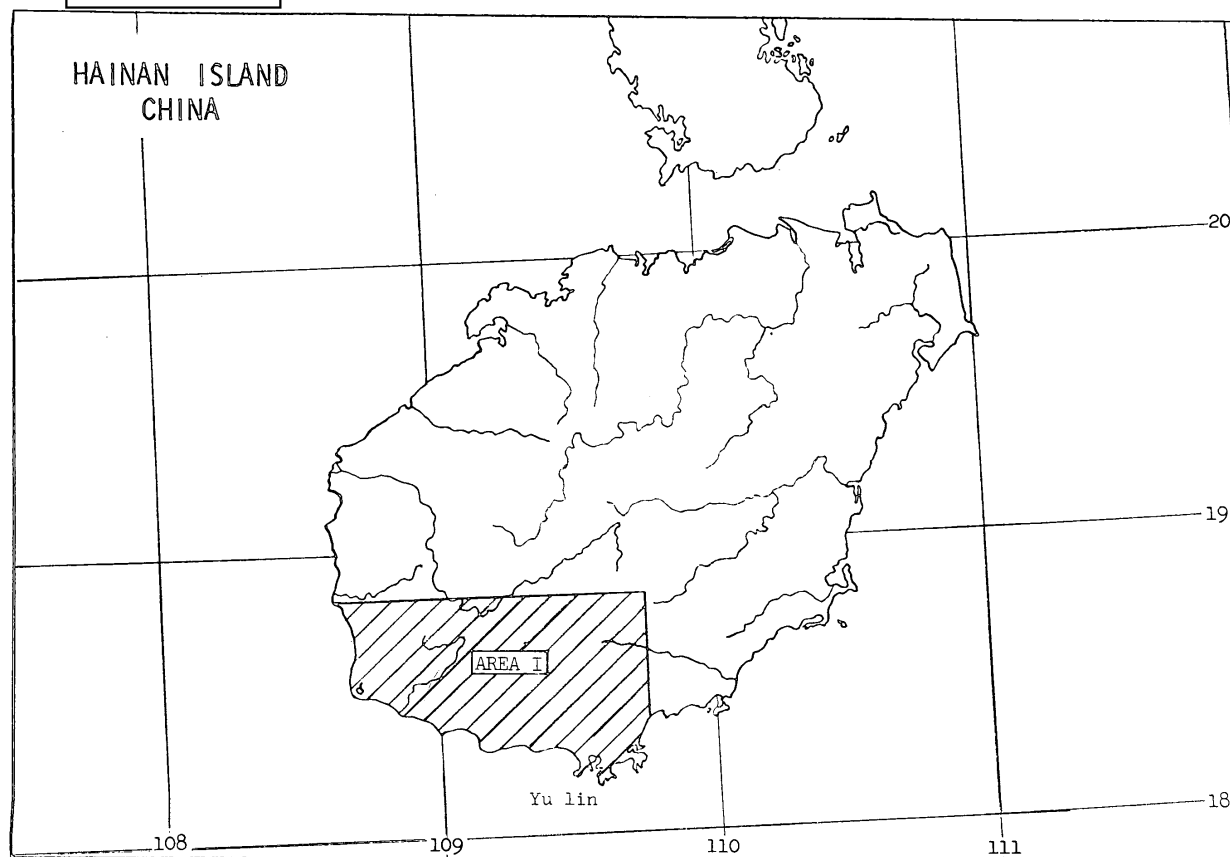


FIGURE 1

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INTRODUCTION

This report is Part I of a four part regional study of military activity on Hainan Island. A review of the island for military activity will be done in accordance with the following priorities:

- Part I 25 nm inland from the southwestern coastline between T-eng-Ch-iao and Fo-Lo.
- Part II within a 25 nm radius of Hai-K'ou.
- Part III 25 nm inland from the remaining coastline.
- Part IV the remaining inland area, particularly within 15 nm of any major road or rail.

The systematic analysis of the regions will be done under the following categories:

- A. Missiles
- B. Electronics
- C. Airfields
- D. Naval
- E. Barracks areas
- F. Military storage (including POL)
- G. Coastal defenses and AAA
- H. New construction activity

The four regional studies will be followed with a more detailed systematic summation of all military activity and construction on the island. This final report will utilize photography to supplement installation descriptions.

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ANALYSIS OF CATEGORIES

A. No missiles or missile related activity is observed.

B. Unidentified tracking radar (18 17 32N-109 26 42E). The radar screen was observed rotating on [] photography. A support building is located immediately east in a stand of small trees.

Two probable radars are located at the top of a hill on the tip of Lu-Hui-t'ou Chiao (18 11 53N-109 28 37E).

Shang-Kou Radar Site (18 32N-108 45E) located .5 nm east of Shang-Kou and previously identified on [] photography as one SCR-270 radar and a control building cannot be confirmed or denied as existing from [] photography.

C. Fo-Lo Airfield (18 30N-108 49E) is located 7 nm SE of Fo-Lo and 3 nm east of Huang-Lui. Two runways: one 4900' x 225' NE/SW concrete (partially deteriorated) and one 3900' x 225' NW/SE concrete (deteriorated). At least 36 deteriorated revetments are associated with the airfield. Although the airfield is abandoned, the 4900' x 225' runway could possibly be used for emergency landings.

Yai-Hsien Airfield (18 17N-109 27E) is located 3.7 nm NW of Yai-Hsien. Two runways: one 4700' x 200' NE/SW concrete (serviceable) and one 3400' x 160' NW/SE concrete (probably unserviceable). The main runway has been partially patched with concrete. The touch-down areas have been patched to a width of 80' as well as the central portion of the south end of the runway. A dashed center line and a circular center marker have been painted in the center of the runway. Other facilities which are or have been associated with the airfield include three probable barracks (possibly abandoned), five support buildings, a number of deteriorated revetments and four probable ammunition bunkers (appear to be in use).

D. Yu-Lin Naval Base is located on the SE edge of Yu-Lin at 18 13 25N-109 32 00E. It consists of a quay, pontoon wharf, three slipways, naval headquarters building, two shops, three storage buildings, three revetted storage buildings, eight support buildings, seven barracks and 14 miscellaneous buildings. Adits in a hill located behind the naval base are probably associated with storage.

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Yu-Lin Naval Shipyard is located on the east edge of Yu-Lin at 18 13 30N-109 31 38E. It consists of two marine railways, at least 10 slipways, one floating shearlegs, and three shops. Naval vessels have been observed at the adjoining port facilities quay.

E. A military complex of relatively new construction is located at 18 41N-108 48E and is connected to the main coastal road and railroad by a road and spur which have been constructed [REDACTED]. The rail line terminates adjacent to the barracks complex; however, its serviceability could not be determined. Facilities include 22 probable barracks, four administration buildings and approximately 30 support buildings.

Yai-Hsien military installations are located on the southern edge of the village at 18 14N-109 29E. Area A is a barracks area of WW II construction which has been partially reconstructed and appears to be moderately active. Of 11 former barracks, eight have been reroofed, one is presently being reroofed and one has a new building on half of the old foundation. One administration building, four possible barracks and numerous support buildings are of relatively recent construction. Area B is immediately north of area A and consists of eight barracks, two administration buildings and approximately 12 support buildings adjacent to an AAA site. Area C is located on a sand spit paralleling that on which the village is located and contains four barracks and four administration buildings adjoining a probable meteorological station.

A barracks area is located 7 nm west of Yu-Lin and 1.5 nm SE of Yai-Hsien at 18 13N-109 30E. It contains seven barracks, one administration building and approximately 12 support buildings.

Yai-Hsien Army Barracks NE is located at 18 19N-109 31E and contains 33 barracks, seven administration buildings, 11 storage buildings and 30 support buildings. Training facilities include a small arms firing range and a small unit training area.

A quarters and service area associated with the Yu-Lin Naval Base is located at 18 13N-109 32E. Facilities include approximately 52 barracks, one large multistory and approximately six single-story administration buildings and numerous support buildings. All buildings are of relatively recent construction.

Yu-Lin Army Barracks North is located at 18 17N-109 33E and contains six barracks, one administration building, one messhall and 12 support

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X1 buildings. Twenty-six cargo trucks were observed in the motor pool on [] photography. A possible storage area with 15 buildings is located approximately one nm south of the barracks area. An extensive driver training area adjoins the possible storage area.

X1 A probable maintenance/service area is located at 18 14N-109 33E and contains five probable barracks, eight support buildings and a large multistory building adjacent to which six cargo trucks were parked on []

X1 A partially secured military area associated with AAA sites and [] is located at 18 13N-109 33E. Facilities include 11 barracks, nine administration buildings and six support buildings. A support area directly associated with an AAA site located on the dock is connected to the main military area by a well developed road network and contains five maintenance service buildings.

X1 A military complex comprised of three barracks areas is located at 18 20N-109 37E. Area A contains five barracks, six administration buildings and five support buildings. Area B contains 33 barracks, one multistory administration building and 17 support buildings. Area C contains 17 probable barracks, one administration building and nine probable support buildings. A small arms firing range and small unit training facilities are associated with the complex.

A barracks area is located at 18 13N-109 41E and contains 28 barracks, four administration buildings and 15 support buildings. This installation is probably associated with the port and defensive positions in the area.

T'eng-Ch'iao Army Barracks is located at 18 25N-109 43E and contains nine barracks, four administration buildings and approximately 12 support buildings.

Wu-Chi Chou Military Complex is located at 18 19N-109 45E and contains six barracks, five probable administration buildings and several support buildings associated with a coastal defense site.

F. Yu-Lin Ammunition Depot Ya-Hsien SE Pug is located 3.5 nm WNW of Yu-Lin at 18 16 40N-109 29 50E. Facilities include three large probable ammunition storage bunkers, three possible [] and five support buildings. 25X

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A probable storage facility is located 3 nm north of Yu-Lin at 18 16 35N-109 31 35E. Facilities include one separately secured possible vehicle storage/maintenance building, four storage buildings, one possible quarters and one support building. Three possibly associated storage buildings are located 5 nm WSW of the main area. Three probable cargo trucks and nine other vehicles/pieces of equipment were observed in the main area on [] photography.

A probable storage area is located 2.5 nm NE of Yu-Lin at 18 15 35N-109 33 40E. Facilities include one probable barracks, one probable administration building, two probable vehicle sheds, two possible vehicle sheds, four support buildings and three revetted excavations for POL storage (two of which contain blimp tanks). Two storage buildings, two support buildings and eight unidentified cylindrical objects are located in a valley west of the other buildings. Numerous vehicle cut shelters are located throughout the area.

A storage area is located 6 nm NNE of Yu-Lin at 18 18 25N-109 35 10E. Facilities include five probable quarters, 10 storage buildings, 14 support buildings, three buildings under construction (possibly POL storage) and four cleared areas (probably for new construction) at least 45 possible horizontal POL tanks and eight probable cargo trucks were observed on [] photography. All of the facilities except a few support buildings have been added since []

Yu-Lin explosives storage area is located 10 nm NNE of Yu-Lin at 18 22 20N-109 37 00E. Facilities include seven explosives storage buildings and three support buildings located on a looped road within a ravine. A probable support area 0.5 nm north contains two probable barracks, one probable administration building and nine support buildings.

A storage area is under construction 7 nm NE of Yu-Lin at Tien-Tu-Tsun (18 18 05N-109 37 35E). Facilities include two possible quarters, two long probable storage buildings, one unidentified storage building in late stages of construction, two probable storage buildings under construction [] two clearings where storage buildings will probably be constructed and 29 support buildings. At least three cargo trucks were observed on [] coverage.

Three revetted excavations for POL storage are located at 18 13 17N-109 41 35E and contain a total of 18 large horizontal POL tanks.

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G. Coastal Defense Positions. A possible 3-gun coastal defense position is located at 18 41N-108 42E.

A possible 4-gun coastal defense position is located at 18 32N-108 45E.

A 3-gun coastal defense position is located at 18 18N-109 11E. The guns are probably emplaced in bunkers. A support area containing two barracks, two storage buildings and one support building is located immediately north.

The beach extending from 18 18N-109 16E to 18 18N-109 20E contains a probable trench system and numerous AW emplacements.

Two 4-gun coastal defense position are located at 18 19N-109 20E, each with two emplacements possibly occupied. A support area is located between the positions and contains six possible barracks, two possible vehicle/equipment sheds, five probable storage buildings and three support buildings.

The beach extending from 18 17N-109 27E to 18 14N-109 30E is heavily fortified with trenches, AW emplacements and possible combat wire. A 3-gun coastal defense position (probably occupied) is located at 18 15N-109 29E.

Hsi-Mei Chou (18 14N-109 22E) and Tung-Mei Chou (18 13N-109 25E) are both highly fortified with trench systems, probable FA emplacements and AW emplacements.

A 4-gun coastal defense position with two probable pedestal-mounted naval guns is located at 18 11N-109 29E. Immediately east of the position on the same road are three, probably four large excavations (presently under construction). Located on the same slope below the position are four adits served by a different road.

A probable 4-gun coastal defense position is located at 18 13N-109 33E.

A probable coastal defense position consisting of four adits is located at 18 10N-109 37E. A possible support area/communications station consisting of eight buildings is located at 18 11N-109 36E.

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The beach extending from 18 13N-109 36E to 18 14N-109 40E contains light trenching.

A possible coastal defense position consisting of three clearings and approximately 12 buildings is located at 18 14N-109 41E.

A possible 4-gun coastal defense position with approximately eight buildings is located at 18 12N-109 42E.

The beach extending from 18 15N-109 44E to 18 24N-109 45E contains trenching and possible combat wire. An island at 18 18N-109 46E is heavily fortified with trenches and AW emplacements.

AAA Sites

<u>Coordinates</u>	<u>Number of Emplacements</u>	<u>Occupancy*</u>
18 22 00N-109 01 10E (Probable Site)	4	2 Probably Occupied
18 19 30N-109 25 10E (Possible Site)	3	Undetermined
18 19 35N-109 25 12E (Possible Site)	3	Undetermined
18 14 37N-109 29 45E	4	4 Occupied
18 13 48N-109 30 34E	8	7 Occupied
18 13 35N-109 30 57E (Possible Site)	4	0 Occupied
18 14 30N-109 31 02E	8	0 Occupied
18 13 22N-109 31 20E	6	6 Occupied
18 14 13N-109 31 48E	6	6 Occupied
18 14 02N-109 31 50E	6	6 Probably Occupied
18 13 04N-109 31 50E	6	5 Occupied
18 12 39N-109 31 52E (Probable Site)	6	0 Occupied
18 12 44N-109 31 52E	Undetermined	3 Occupied
18 14 25N-109 32 20E	6	0 Occupied
18 13 31N-109 32 20E	6	5 Occupied
18 14 22N-109 32 47E	6	0 Occupied
18 13 42N-109 32 49E	6	6 Occupied
18 14 29N-109 32 53E	8	6 Occupied
18 13 02N-109 33 55E	8	8 Occupied
18 13 00N-109 41 35E	4	4 Occupied
18 13 00N-109 41 50E	4	4 Occupied
18 13 35N-109 41 55E	4	4 Occupied

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PI REMARKS

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All of region one with the exception of the extreme west coastline is covered by good quality, cloud-free [] photography. The west coastline was scanned utilizing [] photography and the information updated where possible with [] coverage.

Extensive excavating is present in the Yu-Lin area. A large number of dead-end roads which lead up to hill slopes are observed both along the coast and inland. These roads are the means of access to probable coastal defenses and storage facilities situated in the hills. At many of the adits the spoil which has been removed from the interior of the hills can be observed. Several items of special interest have been revealed during this study. An unidentified tracking radar has been located at 18 17 32N-109 26 42E. The previously identified Ya-Lung Naval Base at 18 13N-109 41E cannot be confirmed as military. The three large cylindrical POL tanks previously located at 18 13N-109 32E have been removed. Two excavations immediately east of the former POL site might now possibly be used for POL drum storage.

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REFERENCES

MAPS AND CHARTS

USAF Pilotage Chart, PC 618A6, 1/500,000, June 1962 (CONFIDENTIAL)
U.S. Air Target Chart, Series 200, Sheet 0618-7HL, 2nd Edition,
June 1964 (SECRET)
U.S. Air Target Chart, Series 200, Sheet 0618-12HL, 2nd Edition,
November 1963 (SECRET)

REQUIREMENT

CIA. C-RR5-82,890

CIA/IAD PROJECT

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